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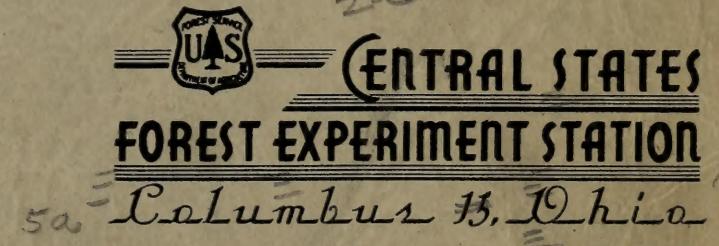
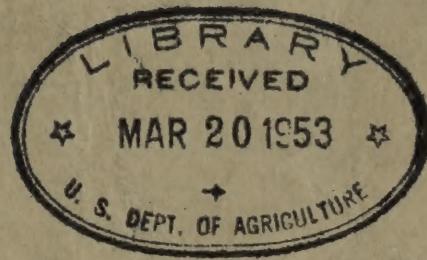
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RESERVE
1.9622
C3C56

3
**CLASSIFICATION SCHEMES
FOR
LIBRARY BOOKS, VERTICAL FILES AND
PUBLICATIONS AVAILABLE FOR DISTRIBUTION**

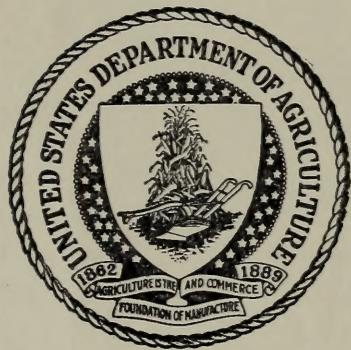
MAY 1948

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Harold L. Mitchell, Director

UNITED STATES
DEPARTMENT OF AGRICULTURE
LIBRARY



Reserve

BOOK NUMBER 1.9622
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838014

FORWARD

The main library of the Central States Forest Experiment Station consists of four major classes of material: (1) vertical (compilation) files, (2) library books and bound periodicals, (3) stock of publications available for distribution, and (4) working tools.

The vertical files, located in the ~~eastern~~ half of the library, are limited to material on forestry and allied fields (forest soils, forest botany, etc.) and consist mainly of reprints, photostats, separates, bulletins, circulars, pamphlets, and processed and/or typewritten reports on important subjects. This material is classified and filed according to a scheme specifically adapted to the needs of the Central States Station. The classification scheme is given in Part 1 of this publication.

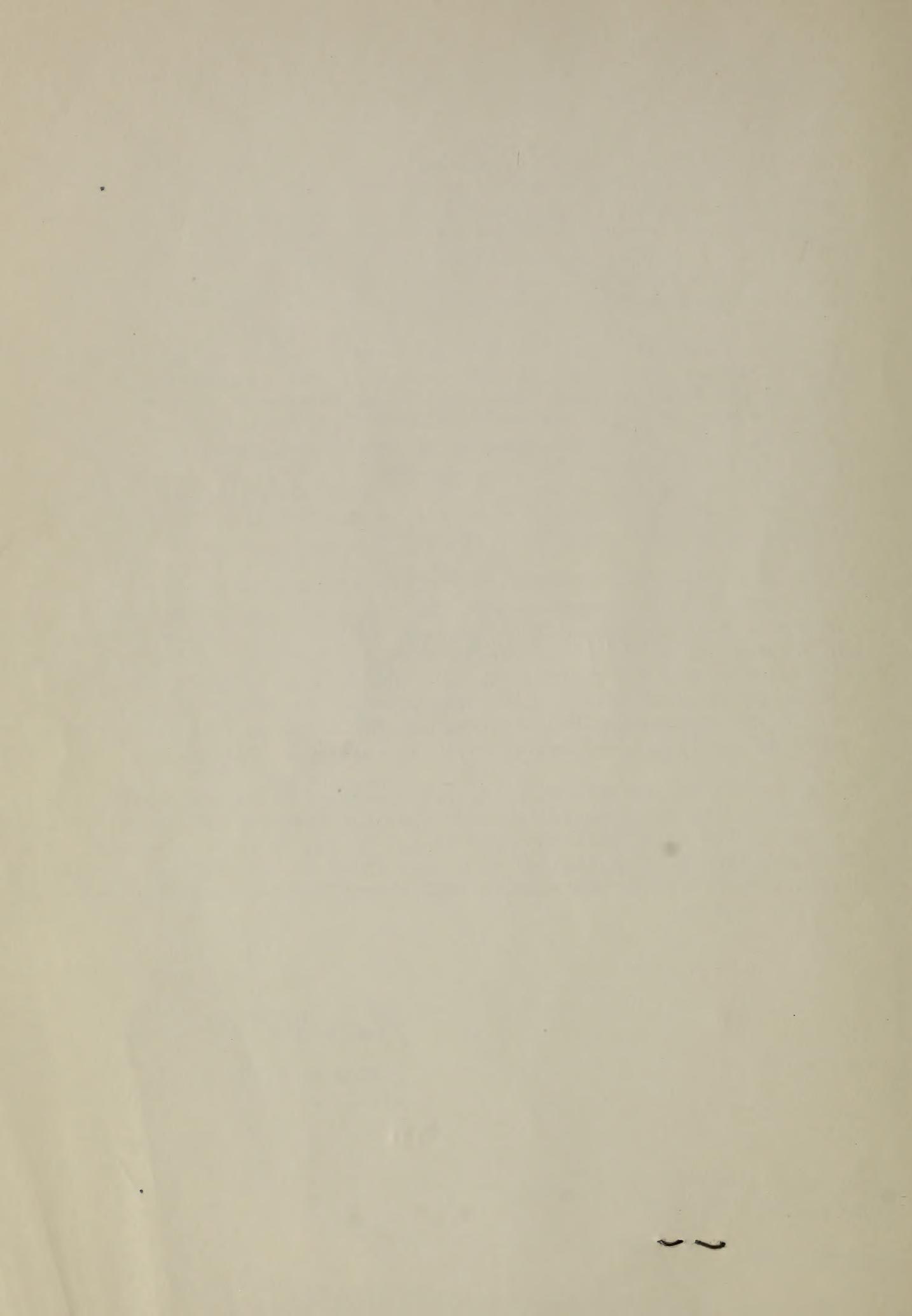
The library book section, located in the ~~western~~ half of the room, includes all nonforestry literature as well as bound books on forestry subjects, and contains all bound library books, all bound volumes of periodicals, and a limited number of bulletins and similar publications on non-forestry subjects, such as statistical methods, of importance to our work. This material, which is a part of the Department Library, is of necessity classified according to the scheme used by the Department Library. The major headings of this classification scheme, which is fairly adequate for our nonforestry material, are given in Part 2.

The stock of material available for distribution consists largely of bulletins and processed reports which are kept in special file cases in the library to send out in reply to the many requests we receive for information on forestry subjects. This file includes all Station publications which are not out of print, and certain popular publications by other Government agencies, such as Division of Forest Pathology bulletins on tree diseases. To facilitate storing and dispensing these stocks, the publications are classified and filed according to the decimal system given in Part 3 of this report.

Working tools may be defined as Government-owned books which are procured for and assigned to individuals who need them for frequent reference. They are charged to the individual and kept in his office for exclusive use. The inventory record is maintained on a card index in the library. Library books may be transferred to the working tool classification, and vice versa, as occasion demands.

Harold L. Mitchell

HAROLD L. MITCHELL
Director



CLASSIFICATION SCHEMES
FOR
LIBRARY BOOKS, VERTICAL FILES
AND PUBLICATIONS AVAILABLE FOR DISTRIBUTION

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CENTRAL STATES FOREST EXPERIMENT STATION
FOREST SERVICE, U. S. DEPARTMENT OF AGRICULTURE

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0.0 GENERAL FORESTRY (descriptive material covering entire subject or several branches not fit elsewhere--for results of forest management see 2.0)

- 0.01 General farm forestry (descriptive material)
- 0.02 General industrial and private forestry (descriptive material)
- 0.03 General forestry on federal land
- 0.04 General forestry on state and community land

0.1 BIBLIOGRAPHIES

- 0.11 Forest botany and soils
- 0.12 Forest management
- 0.13 Forest damage and protection
- 0.14 Harvesting, manufacturing, developing, and preserving forest products
- 0.15 Wood technology
- 0.16 Forest measurements
- 0.17 Forest resources and economics
- 0.18 Forest and range influences
- 0.19 Forest improvements
- 0.110 Forest grazing and range management
- 0.111 Recreation and wildlife

0.2 GENERAL MANUALS OF FORESTRY, TREATISES, ESSAYS, ADDRESSES, HANDBOOKS, ETC. (including work and programs of forestry agencies, species monographs, type monographs, and regional monographs)

0.3 DICTIONARIES, ENCYCLOPEDIAS, YEARBOOKS, ALMANACS, CALENDARS, ETC., GENERAL MAPS, CATALOGUES

0.4 BIOGRAPHIES

0.5 PROCEEDINGS AND REPORTS of societies, trade and other associations, congresses, commissions, conventions, federal, state, provincial and municipal forest officers, etc. (excluding forest research)

0.6 FOREST RESEARCH: FOREST EXPERIMENT STATIONS

- 0.61 Investigation technique (general)
- 0.62 Forest research programs (justification, customs, and accomplishments)
- 0.63 Proceedings and reports of or about forest experiment stations (including branch stations and experimental forests)
- 0.64 Publication of research (methods, techniques, etc.)

0.7 PRACTICE FORESTRY AND FOREST WEEK

- | | | |
|------|--|-------------|
| 0.71 | Arbor Day | 1937 |
| 0.72 | Arbor Day and American Forest Week | |
| 0.73 | Nature study | |
| 0.74 | Forestry extension | |
| 0.75 | Forestry profession (place, needs, problems, etc.) | |
| | | } material |
| | | } important |
| | |) to the |
| | |) Central |
| | |) States |

0.8 HISTORY AND STATUS OF FORESTRY

- 0.81 United States (alphabetically by states - see also 7.081-7.087)
- 0.811 Illinois
 - 0.812 Indiana
 - 0.813 Iowa
 - 0.814 Kentucky
 - 0.815 Missouri
 - 0.816 Ohio
 - 0.817 Other states
- 0.82 Foreign countries (alphabetically by countries)

1. BOTANIC DOMAIN AND GROUPS

(For range factors see 10.1)

1.1 TAXONOMY AND DENDROLOGY (includes classification, identification, identification, identification, distribution, and lists of families)

- 1.11 Trees and shrubs
- 1.12 Other forest vegetation
- 1.13 Arboreta and herbaria

1.2 ANATOMY, MORPHOLOGY, HISTOLOGY, CYTOLOGY, PHYSIOLOGY, PHYSIOLOGY (material pertaining to the structure, shape, tissues, cells, the development of embryos, and evolutionary development of forest plants)

1.3 PHYSIOLOGY (life processes of forest plants)

- 1.31 Absorption of materials (water, minerals, gases)
- 1.32 Conduction of materials
- 1.33 Outgo of materials
- 1.34 Nutrition
 - 1.341 Essential elements
 - 1.342 Minor elements
 - 1.343 Photosynthesis
 - 1.344 Synthesis (general)
 - 1.345 Storage of food
- 1.35 Respiration
- 1.36 Growth
 - 1.361 Growth regulators
 - 1.362 Roots
 - 1.363 Stems and leaves
 - 1.364 Fruit and seed (including germination)
 - 1.365 Vegetative reproduction
- 1.37 Bio-electric phenomena
- 1.38 Solar radiation (shade tolerance, etc.)
- 1.39 Water relations (transpiration)

1.4 FOREST ECOLOGY (relationship of forest plants to their environment)

- 1.41 Forest description and distribution (formations, associations, and societies, etc., including cover types)
- 1.42 Succession (series, climax, subclimax, change in cover type, etc.)
 - 1.421 Cover types
- 1.43 Adaptation
- 1.44 Phenology (relation of climate to biological development)
- 1.45 Site factors
 - 1.451 Edaphic factors (forest soils and litter)
 - 1.4511 Origin and classification of forest soils

- 1.4501 Soil surveys (by states--file limited to Central and Western U.S.)
- 1.4502 Soil physics (textures, etc.)
- 1.4503 Soil chemistry and fertilizers
- 1.4504 Soil biology
- 1.45141 Bacteria
- 1.45142 Fungi
- 1.45143 Mycorrhizae
- 1.45144 Animals, includes insects and protozoa
- 1.4515 Soil moisture (includes flooding, drought, and drainage)
- 1.452 Physiographic factors (aspect, slope, etc.)
- 1.453 Climatic factors
- 1.4531 Light
- 1.4532 Temperature
- 1.4533 Precipitation
- 1.4534 Humidity
- 1.4535 Wind
- 1.46 Forest site quality (in relation to soils and other site factors see 5.3) for site index tables and charts)
- 1.461 Indicator plants
- 1.462 Foliar diagnosis
- 1.463 Soil profile morphology

1.5 SILVICULTURAL CHARACTERISTICS AND STRATEGIC PRACTICING OF FORESTS (including 1.6)

1.6 FOREST GENETICS

- 1.61 Inheritance of characteristics
- 1.62 Tree selection
- 1.63 Tree breeding
- 1.64 Vegetative reproduction of selected trees
- 1.65 Application of genetics in silvicultural practice

2.0 APPLICATION OF FOREST MANAGEMENT TO THE PRACTICAL ASPECTS OF GROWING TIMBER

- 2.01 Selective cutting and logging
- 2.02 Management of farm forests and woodlands (for general farm forestry not confined to forest management, see 0.01)
- 2.03 Management for specific products
 - 2.031 Saw timber
 - 2.032 Mine props, ties, posts, etc.
 - 2.033 Pulpwood
 - 2.034 Poles and piles
- 2.04 Management for integrated utilization

2.1 SILVICULTURE

- 2.11 Systems of harvest cuttings and obtaining regeneration (techniques and results; financial aspects go under 2.0)
 - 2.111 Even-aged systems--reproduction mainly from seed
 - 2.1111 Clear-cutting with seed trees
 - 2.1112 Clear-cutting with seeding from the side (by groups, strips, etc.)
 - 2.1113 Clear-cutting and planting
 - 2.1114 Shelterwood
 - 2.112 Uneven-aged systems--reproduction mainly from seed (selection by single trees or groups)
 - 2.113 Reproduction from sprouts (coppice)
- 2.12 Intermediate cuttings and culture and their financial aspects (includes care of plantations as well as natural reproduction) often called timber stand improvement
 - 2.121 Killing undesirable trees
 - 2.122 Cleaning (includes use of animals, poisons, and fire as well as cutting tools)
 - 2.123 Release cutting (girdling, poisoning, etc.)
 - 2.124 Improvement cutting (includes sanitation cutting)
 - 2.125 Thinning (by species and types)
 - 2.126 Salvage cutting
 - 2.127 Pruning and debudding
 - 2.128 Soil cultivation, fertilizers, etc.
- 2.13 Tree classification, marking rules, and cutting guides
- 2.14 Effect of silviculture upon quality of product
- 2.15 Requirements for natural reproduction
 - 2.151 Alteration of environment to obtain or expedite natural reproduction (includes disposal of logging slash)

2.2 PROPAGATION

2.21 Forest tree seed

- 2.211 Production and source (both regional and by individual trees, and ages and characters of seed trees); seed destruction

- 2.2 Natural dispersal
- Collection
- Extraction and cleaning
- Testing (including purity, apparent soundness, and actual)
- Storage
- Treatment (as for ~~seedlings~~)
- germination)
- Inspection, certification, regulation, and control
(includes catalogues)
- Seed weight, volume and chemical composition
(effects on germination, growth, and development of seedlings)
- 2.22 Nursery practices--legislation, inspection, regulation and trade catalogues
- 2.23 Planting
 - 2.231 Planting practice
 - 2.232 Tools, equipment, supplies, and materials
 - 2.233 Statistics of seed used, stock distributed, acres planted, etc.
 - 2.234 Labor requirements, costs, cost accounting, and returns
 - 2.235 Exotics; extending range of native species
- 2.24 Direct seeding
- 2.25 Spoils bank reclamation (includes uses other than forestry)

2.3 BUSINESS ASPECTS OF FOREST MANAGEMENT

- 2.31 Administration and organization
 - 2.311 Techniques and fundamentals
 - 2.312 Foreign
 - 2.313 Federal
 - 2.3131 National forest
 - 2.314 State
 - 2.315 County and municipal
 - 2.316 Private
- 2.32 Finance and valuation
 - 2.321 Principles (nature of capital and income; interest)
 - 2.322 Stumpage valuation
 - 2.3221 Prices
 - 2.3222 Methods
 - 2.323 Valuation of forest land
 - 2.3231 Values
 - 2.3232 Methods
 - 2.324 Valuation of growing stock
 - 2.3241 Values
 - 2.3242 Methods
 - 2.325 Damage appraisal
 - 2.3251 Values
 - 2.3252 Methods
 - 2.326 Cost accounting
 - 2.327 Factors affecting profits in timber growing
- 2.33 Regulation of managed forests
 - 2.331 Principles (includes increment, rotation, normal forests, sustained yield)
 - 2.332 Working and management plans
 - 2.3321 Techniques
 - 2.3322 Actual plans

3. FOREST DAMAGE AND PROTECTION

(For effects of flooding, see 1.100-1.300)

3.1 FIRE

- 3.11 Hazard, causes, and behavior
 - 3.111 Hazard and danger
 - 3.1112 Fire danger measurements
 - 3.112 Causes
 - 3.113 Behavior
- 3.12 Fire statistics (acres protected; acres burned; volume/size of damage; numbers, causes, and classes of fires)
- 3.13 Effects
 - 3.131 Damage
 - 3.132 Use of fire (prescribed or controlled burning)
- 3.14 Prevention (for fire laws, see 7.2 forestry legislation)
 - 3.141 Education
 - 3.142 Firebreaks
- 3.15 Control
 - 3.151 Methods
 - 3.1511 Detection
 - 3.1512 Suppression
 - 3.152 Costs, general economics, and labor requirements
 - 3.153 Equipment
- 3.16 Organization and policy

3.2 ANIMALS AND BIRDS

- 3.21 Grazing animals
 - 3.211 Cattle and horses
 - 3.212 Sheep and goats
 - 3.213 Hogs
- 3.22 Rodents
- 3.23 Birds

3.3 DISEASES AND DECAY (FILE LIMITED to species and material important in the Central States)

- 3.31 Trees
- 3.32 Wood products
 - 3.321 Fungi in logs
 - 3.322 Fungi in seasoning and stored lumber
 - 3.323 Fungi in wood in use

3.4 INSECTS (FILE LIMITED to species and material important in the Central States)

- 3.41 Trees
- 3.42 Wood products

3.5 ENVIRONMENTAL PROBLEMS

- 3.51 Climatic (snow, cold, ice, hail, wind, lightning, etc.)
- 3.52 Geological (crushing scars, blazes, etc.)
- 3.53 Chemical (smoke, fumes, sprays, dust, etc.)

3.6 PROTECTION AND CARE OF TRADE FORESTS

HARVESTING, MANUFACTURING, DEVELOPING,
AND PRESERVING OF FOREST PRODUCTS

4.0 GENERAL

- 4.01 Employment and labor requirements
 - 4.011 Wages and hours
- 4.02 Production
- 4.03 Requirements and consumption (including exports and imports)
- 4.04 Transportation
 - 4.041 Shipping weights
 - 4.042 Freight rates
- 4.05 Markets and marketing
- 4.06 General utilization problems (includes wood vs. substitutes; low-grade hardwoods; etc.)
- 4.07 Utilization by species
- 4.08 Miscellaneous--utilization of nonwood or nonwood-derived forest products
 - 4.081 Bark
 - 4.082 Nuts or other forms of tree fruit and seeds
 - 4.083 Leaves and needles

4.1 LOGGING

- 4.11 General logging studies (includes development of operational efficiency and cost accounting subdivided as needed)
- 4.12 Log making (methods, equipment, and costs not connected with milling studies)
- 4.13 Log skidding and transportation (methods, equipment, and costs not connected with milling studies)
- 4.14 Logging waste
- 4.15 Log grades and lumber grade realization by log grades
- 4.16 Statistics
 - 4.161 Log prices (for stumpage prices, see 2.3221)
 - 4.162 General logging costs and labor requirements

4.2 LUMBER

- 4.21 History and description of lumber industry
 - 4.211 Financial structure
- 4.22 Production statistics
- 4.23 Markets and marketing
 - 4.231 Prices
 - 4.232 Consumption of and requirements for lumber (including distribution)
- 4.24 Manufacturing (for technology of seasoning and dry kilns; see 5.3)
 - 4.241 Log storage
 - 4.242 Sawmill
 - 4.243 Planing mill and planing mill products
 - 4.244 Power plant
 - 4.245 Yard and dry kiln information, if particularly relative to sawmills

4.246 Manufacturing costs, cost accounting, and labor requirements (logging and milling studies; development of operational efficiency)

- 4.25 Lath, tent stakes, and similar byproducts
- 4.26 Mill waste
- 4.27 Grades

4.3 PULPWOOD, PULP, AND PAPER

4.31 Pulpwood

- 4.311 Production statistics
- 4.312 Statistics of requirements; consumption, and distribution (including exports and imports)
- 4.313 Harvesting and transportation
- 4.314 Prices

4.32 Pulp and Paper

- 4.321 History and description of pulp and paper industry
 - 4.3211 Financial structure

4.322 Production statistics

4.323 Markets and marketing

4.3231 Prices

- 4.3232 Consumption of and requirements for paper and paperboard products

4.324 Manufacturing

- 4.3241 Processes (includes relationships to species)
- 4.3242 Equipment
- 4.3243 Manufacturing costs, cost accounting and labor requirements (development of operational efficiency)

4.325 Paper and paperboard products and properties (including impregnated paper plastics)

4.326 Pulpmill waste

4.327 Grades; effect of growth variables on quality

4.328 Fibers (identification, properties, relation to processes and yields)

4.3281 Wood

4.3282 Other fibers (subdivided as needed)

4.4 CHEMICALLY DERIVED AND EXTRACTED PRODUCTS (mainly products made from chipped or otherwise disintegrated wood, excluding pulp and paper)

4.41 Solvent extraction and destructive distillation

4.42 Hydrolysis

4.421 Sugars

4.4211 Wood molasses and fodder yeast

4.4212 Alcohol

4.422 Lignin and lignin derivatives

4.423 Hydrolyzed wood products (includes plastics)

4.43 Alkali fusion (oxalic acid)

4.44 Hydrogenation (byproducts as needed)

4.45 Charcoal and destructive distillation

5.1 WOOD AND FIBER STRUCTURES AND PROPERTIES

- 5.11 Species properties and identification (includes physical, chemical, mechanical, and machining properties; set up by species as needed--no numbers)
- 5.12 Structure and anatomy of wood
- 5.13 Fibers (description, properties)

5.2 TIMBER MECHANICS

- 5.21 Construction and design
- 5.22 Structural timbers (strength qualities, grades)
- 5.23 Joints and fastenings
- 5.24 Bending (use and making of bentwood members and products)
- 5.25 Timber testing
- 5.26 Containers and packaging

5.3 SEASONING

- 5.31 Moisture in wood
- 5.32 Air seasoning
- 5.33 Kiln drying
 - 5.331 Kiln construction and design
 - 5.332 Kiln operation
 - 5.333 Kiln schedules
- 5.34 Chemical drying
 - 5.341 In open air
 - 5.342 In kilns and retorts
- 5.35 Storage of seasoned wood
- 5.36 Electrical resistance of chemically-seasoned wood

5.4 CHEMISTRY OF WOOD AND TREE PRODUCTS

- 5.41 Composition of wood
 - 5.411 Wood substance (cell walls and lignin)
 - 5.412 Extractives (extraneous components; everything except cell walls and lignin)
- 5.42 Composition of other tree products
- 5.43 Physical-chemical properties

6.1 SURVEYING AND MAPPING

- 6.11 Plane surveying
- 6.12 Topographic surveying
- 6.13 Photogrammetry (aerial photography)
- 6.14 Equipment
- 6.15 Maps and map making

6.2 FOREST MENSURATION TECHNIQUES AND METHODS

- 6.21 Age determination
- 6.22 Diameter determination
- 6.23 Height determination
- 6.24 Growth and mortality determination
- 6.25 Methods of constructing and using log rules
(includes scaling of any wood product)
- 6.26 Methods of constructing, checking, and using
tree volume tables
- 6.27 Methods of constructing and using taper tables
- 6.28 Methods of constructing and using yield, stand, stock,
and site quality tables and charts (includes determina-
tion of site quality)
- 6.29 Forest survey, timber cruising, and sample plot techniques
and methods
 - 6.291 Forest survey
 - 6.292 Sample plots and sample trees

6.3 FOREST MENSURATION TABLES AND CHARTS

- 6.31 Volumes of logs and pieces (including log rules and
deductions for defect)
 - 6.311 Board feet
 - 6.312 Cubic feet
 - 6.313 Cords and pulpwood "units"
 - 6.314 Other units
- 6.32 Volumes of trees
 - 6.321 Board feet
 - 6.322 Cubic feet
 - 6.323 Cords and pulpwood "units"
 - 6.324 Other units (including basal area tables,
tables of volumes of cylinders, etc.)
- 6.33 Converting factors
- 6.34 Taper and form tables
- 6.35 Yield, stand, stock, and site quality tables and charts
- 6.36 Growth data
 - 6.361 Trees
 - 6.362 Stands

6.4 STATISTICAL METHODS (general methodology which cannot be classi-
fied specifically above)

7. FOREST RESOURCES AND ECONOMICS

7.0 DISCUSSION OF FOREST SITUATION, FOREST PRACTICES, FOREST PROBLEMS

(including general discussion of forest problems
or ownership classes)

- 7.01 World
- 7.02 United States
- 7.03 Central and adjacent states
 - 7.031 States (as needed--see also 0.81)
 - 7.032 Ownership classes (as needed)

7.1 FOREST RESOURCES STATISTICS

- 7.11 United States
 - 7.111 Land area
 - 7.112 Timber volumes (bd.f.t., cu.ft., cords)
 - 7.113 Resources of special products
 - 7.114 Growth and drain
- 7.12 Forest resource statistics by Experiment Station territories
(see map showing states in each station territory)
 - 7.121 California
 - 7.122 Central States
 - 7.1221 Illinois
 - 7.1222 Indiana
 - 7.1223 Iowa
 - 7.1224 Kentucky
 - 7.1225 Missouri
 - 7.1226 Ohio
 - 7.123 Lake States
 - 7.124 Northeastern
 - 7.125 Northern Rocky Mountain, Rocky Mountain and Intermountain
 - 7.126 Pacific Northwest
 - 7.127 Southeastern (old Appalachian)
 - 7.128 Southern
 - 7.129 Southwestern

7.2 FORESTRY LEGISLATION

- 7.21 Laws and bills
 - 7.211 Federal
 - 7.212 States, counties, etc. (by states as needed)
- 7.22 Need for public control of forestry and proposed legislation

7.3 FOREST POLICY (including subsidy, and public aid programs)

- 7.31 Foreign forest policy
- 7.32 Federal forest policy
- 7.33 State forest policy (states as needed)
- 7.34 Private and industrial forest policy

7.4 LAND USE

7.41 Conservation of land resources
7.42 Land ownership

7.5 FOREST TAXATION, CREDITS, AND INSURANCE

7.51 Taxation

- 7.511 Tariffs
- 7.512 Federal forest tax programs
- 7.513 State and local tax programs
(by states as needed)

7.52 Forest credits (including timber bonds)

7.53 Forest insurance

7.6 INDUSTRIAL, AGRICULTURAL, AND SOCIAL DEVELOPMENT

8. FOREST AND CLIMATE INFLUENCES

8.1 GENERAL WATERSHED MANAGEMENT

8.11 Know your watershed program

8.2 EROSION AND FLOOD CONTROL (including watersheds and watershed protection)

8.21 Flood and erosion history

8.22 Programs and policies, and problems; gully control, storage reservoirs

8.23 Flood control survey reports (by watersheds)

8.24 Evaluation and description of flood and erosion damages and benefits

8.25 Upstream water control, methods and costs

8.26 Soil stabilization and costs

 8.261 Roadbanks

 8.262 Streambanks

 8.263 Watersheds (effect of forest land management practices on soil erosion)

8.27 Wind erosion and control (dune fixation)

8.28 Sedimentation

8.3 HYDROLOGY (action, movement, and distribution of water)

8.31 Influence of forests on water cycle

 8.311 Ground water and soil moisture; drainage

 8.312 Infiltration

 8.313 Evaporation, transpiration, and interception

 8.314 Surface run-off

 8.315 Streamflow and floods

8.32 Precipitation (when related to water cycle)

8.4 INFLUENCE OF FORESTS ON CLIMATE (includes shelterbelts and windbreaks)

- 9.1 LAND CLEARING
- 9.2 ROADS; TRAILS; FIRELINES
- 9.3 RAILROADS
- 9.4 BRIDGES
- 9.5 DAMS
- 9.6 FENCES
- 9.7 AIRPORTS AND AIR STRIPS
- 9.8 COMMUNICATIONS AND POWER
 - 9.81 Radio and radar
 - 9.82 Telephone
 - 9.83 Electric power
- 9.9 BUILDINGS; LOOKOUT TOWERS; WATER TOWERS

- 10.0 GENERAL DISCUSSION AND PROBLEMS
- 10.1 RANGE PLANTS AND FORAGE TYPES
- 10.2 RANGE MANAGEMENT
- 10.3 RANGE LIVESTOCK
- 10.4 RANGE AND LIVESTOCK RESOURCES AND ECONOMICS
- 10.5 GRAZING INFLUENCES

11.1 RECREATION

- 11.11 Forest recreational resource
 - 11.111 National parks
 - 11.112 National Forests
 - 11.113 State and local parks and forests
- 11.12 Development of recreational facilities on forest land
(camping sites, trails, etc.)
- 11.13 Wilderness, natural and primitive areas
- 11.14 Roadside strips
- 11.15 Effect of recreation on forest land

11.2 WILDLIFE AND FISH (FILE LIMITED to species and material important to the Central States)

- 11.21 General wildlife conservation and management (includes game refuges, statistics of kill, surveys, censuses, etc.)
- 11.22 Animals (by species as needed--no numbers)
- 11.23 Birds (by species as needed--no numbers)
- 11.24 Fish (by species as needed--no numbers)
- 11.25 Relationship of forest plants to wildlife

Concrete

Class I/

Subject

1-79

AGRICULTURE

Reports and periodicals
General works
Separate branches

80-98

HORTICULTURE AND LANDSCAPE ART

99

FORESTRY

100-109

AGRICULTURAL COLLEGES AND EXPERIMENT STATIONS

110-145

GENERAL LITERATURE

General periodicals
Biography
Travels
History
Miscellaneous literature

148-195

UNITED STATES PUBLIC DOCUMENTS

200-239

REFERENCE BOOKS

240-243

BIBLIOGRAPHY AND LIBRARY ECONOMY

249

INDUSTRIAL AND OFFICE MANAGEMENT

250-273

STATISTICS

274

LAW

275-276

EDUCATION

I/ Numbers are those used in Department Library Classification scheme. For greater detail, see copy of scheme in library.

<u>Class</u>	<u>Subject</u>
277-287	ECONOMIC SCIENCES Economic history Economic geography Conservation of natural resources Economics Agricultural economics
288-314	TECHNOLOGY Transportation Engineering Manufactures
317-324	HOME ECONOMICS
325	MATHEMATICS
330-408	PHYSICAL SCIENCES Physics Meteorology Chemistry Pharmacy Geology and mineralogy
409-464	BIOLOGICAL SCIENCES Zoology Entomology Medicine Hygiene Botany
470-475	SCIENTIFIC PERIODICALS
500-517	LEARNED SOCIETIES

CLASSIFICATION OF PUBLICATIONS, PROCESSIONAL PAPERS
AND MAPS AVAILABLE FOR DISTRIBUTION

By Station Personnel & Cooperators

1.0 FOREST MANAGEMENT (INCLUDING SILVICULTURE AND FINANCIAL ASPECTS)

1.1 Farm Forestry

2.0 FIRE

3.0 PLANTING, SHED AND NURSERY

3.1 Spoils Bank Reclamation

4.0 ECONOMICS AND TAXATION

5.0 FOREST RESOURCES

5.1 Nation

5.2 Central States Region

5.3 Illinois

5.4 Indiana

5.5 Iowa

5.6 Kentucky

5.7 Missouri

5.8 Ohio

6.0 MEASUREMENTS (INCLUDING MEASUREMENT AND STATISTICAL TECHNIQUE,
VOLUME AND REED TABLES, AND GROWTH)

7.0 HARVESTING, MANUFACTURING AND PRESERVING WOOD PRODUCTS

8.0 WOOD TECHNOLOGY (INCLUDING WOOD STRUCTURE, TIMBER MECHANICS, SEASONING,
AND THE CHEMISTRY OF WOOD PRODUCTS)

9.0 BOTANY, ECOLOGY AND SOILS

10.0 WATERSHED MANAGEMENT (INCLUDING SOIL EROSION AND FLOOD CONTROL)

11.0 GRAZING

12.0 DISEASES

13.0 INSECTS

14.0 MISCELLANEOUS

14.1 Station's Annual Reports (By years)

15.0 MAPS

16.0 BIBLIOGRAPHY

By Other Authors

- 1.0 FOREST MANAGEMENT (INCLUDING SILVICULTURE AND FINANCIAL ASPECTS)
 - 1.1 Farm forestry
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- 8.0 WOOD TECHNOLOGY (INCLUDING WOOD STRUCTURE, TIMBER MECHANICS, SEASONING, AND THE CHEMISTRY OF WOOD PRODUCTS)
 - 8.1 American Woods Series (By species)
- 9.0 BOTANY, ECOLOGY AND SOILS
- 10.0 WATERSHED MANAGEMENT (INCLUDING SOIL EROSION AND FLOOD CONTROL SURVEYS)
- 11.0 CRAZING
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- 15.0 MAPS
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